

ATTORNEY DOCKET NO: KCX-859 (19100)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MacDonald, et al.) Group Art Unit: 1616
Serial No: 10/731,256) Examiner: Unknown
Filed: December 9, 2003) Our Account No: 04-1403
Confirmation No: 4720) Customer No: 22827
Title: Triggerable Delivery System For Pharmaceutical And)
Nutritional Compounds And Methods Of Utilizing Same)

Commissioner for Patents
U.S. Patent and Trademark Office
Post Office Box 1450
Alexandria, VA 22313-1450

Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[x] Attached hereto is:

- a.[x] A list of materials for consideration per Rule 98(a)(1): 10 page(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):
311 item(s)
- c. [] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____

[] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[x] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b. [] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
 - i. [] Certification per Rule 97(e); OR
 - ii. [] Filing Fee per Rule 17(p)\$180.00
- c. [] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
 - i. Certification per Rule 97(e); AND
 - ii. Filing fee per Rule 17(p)\$180.00

3. [] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a. [] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b. [] That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: _____ Signature: _____
Address: _____ Date: _____

.4.[x] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

5.[x] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed pursuant to [CHECK AND COMPLETE ONE]:

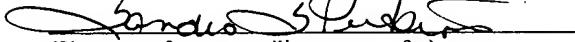
a.[x] First Class Mail Certificate of Mailing under Rule 8:

I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to the:

Commissioner for Patents
U.S. Patent and Trademark Office
Post Office Box 1450
Alexandria, VA 22313-1450

on August 27, 2004.

Sandra S. Perkins
(Typed/printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

b.[] "Express Mail" Certificate under Rule 10:

"Express Mail" – Label No. _____
Date of Deposit _____

I hereby certify that this paper and all attachments and any fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the:

Commissioner for Patents
U.S. Patent and Trademark Office
Post Office Box 1450
Alexandria, VA 22313-1450.

(Typed/printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

ADDRESS:
Post Office Box 1449
Greenville, SC 29602 USA
Customer ID No.: 22827
Telephone: 864-271-1592
Facsimile: 864-233-7342

DORITY & MANNING, ATTORNEYS AT LAW, P.A.

By: Christina L. Mangelsen, Patent Agent

Reg. No: 50,244

Signature: 

Date: August 27, 2004

<p style="text-align: right;">AUG 30 2004 PCT/US2004/000000</p> <p>(Rev. 05/92)</p> <p>Information Disclosure Statement List</p> <p>By Applicant(s)</p> <p>Under 37 CFR Section 1.98(a) (1)</p> <p>(Use several sheets if necessary)</p>	Attorney Docket Number:	
	KCX-859 (19100)	
	Serial Number: 10/731,256	
	Applicant: MacDonald, et al.	
<p>Filing Date: December 9, 2003</p> <p>Confirmation No: 4720</p>	Group Art Unit: 1616	

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:
 - USSN _____, filed _____, or
 - USSN _____, filed _____;
- (3) Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (4) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
	Davis	R	E	3	0	7	9	7	11/17/1981	5
	Davis	R	E	3	0	8	0	3	11/24/1981	5
	Brandt, et al.	R	E	3	2	6	4	9	04/19/1988	5
	Müller, et al.	2	0	1	5	8	6	4	10/01/1935	5
	Howard	2	5	9	3	1	4	6	04/15/1952	5
	Crowley	3	2	6	6	9	7	3	08/16/1966	5
	Kinney	3	3	3	8	9	9	2	08/29/1967	5
	Kinney	3	3	4	1	3	9	4	09/12/1967	5
	Satas	3	3	8	1	6	8	8	05/07/1968	5
	Evans	3	4	9	4	8	2	1	02/10/1970	5
	Petersen	3	5	0	2	5	3	8	03/24/1970	5
	Hartmann	3	5	0	2	7	6	3	03/24/1970	5
	Dobo, et al.	3	5	4	2	6	1	5	11/24/1970	5
	Dorschner, et al.	3	6	9	2	6	1	8	09/19/1972	5
	Matsuki, et al.	3	8	0	2	8	1	7	04/09/1974	5
	Butin, et al.	3	8	4	9	2	4	1	11/19/1974	5
	Brown, et al.	3	9	1	9	4	3	7	11/11/1975	5
	Suzuki, et al.	3	9	7	1	6	6	5	07/27/1976	5
	Yoshida, et al.	4	0	0	6	0	3	0	02/01/1977	5
	Brock, et al.	4	0	4	1	2	0	3	08/09/1977	5
	Yoshida, et al.	4	0	7	8	0	2	9	03/07/1978	5
	Anderson, et al.	4	1	0	0	3	2	4	07/11/1978	5
	Inoue, et al.	4	1	0	1	6	3	8	07/18/1978	5
	Boulton	4	1	4	4	3	7	0	03/13/1979	5
	Walk, et al.	4	1	7	2	7	8	1	10/30/1979	5
	Farha, Jr., et al.	4	3	1	3	8	2	0	02/02/1982	5
	Appel, et al.	4	3	4	0	5	6	3	07/20/1982	5
	Appel, et al.	4	3	7	5	4	4	8	03/01/1983	5
	Tratnyek	4	4	0	7	9	6	0	10/04/1983	5
	Pedersen, et al.	4	4	6	7	0	1	2	08/21/1984	5
	Weisman, et al.	4	4	6	9	7	4	6	09/04/1984	5
	Hou	4	4	8	8	9	6	9	12/18/1984	5
	Kroyer, et al.	4	4	9	4	2	7	8	01/22/1985	5
	Raeburn	4	4	9	4	6	2	9	01/22/1985	5
	Ehlenz, et al.	4	5	1	7	3	0	8	05/14/1985	5

AUG 30 2004

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number:	Serial Number:
	KCX-859 (19100)	10/731,256
	Applicant: MacDonald, et al.	
	Filing Date: December 9, 2003 Confirmation No: 4720	Group Art Unit: 1616

	Mays	4	5	2	2	2	0	3	06/11/1985	5
	Hagiwara, et al.	4	5	2	5	4	1	0	06/25/1985	5
	Byrne, et al.	4	5	7	5	5	5	6	03/11/1986	5
	McFarland, et al.	4	6	0	4	3	1	3	08/05/1986	5
	Laursen, et al.	4	6	4	0	8	1	0	02/03/1987	5
	Johnson	4	6	4	3	8	0	1	02/17/1987	5
	McFarland, et al.	4	6	5	5	7	5	7	04/07/1987	5
	Barker, et al.	4	7	0	1	2	1	8	10/20/1987	5
	Ota, et al.	4	7	1	5	9	8	3	12/29/1987	5
	Kidd	4	7	2	5	4	1	5	02/16/1988	5
	Hill	4	7	3	4	3	2	4	03/29/1988	5
	Hagiwara	4	7	7	5	5	8	5	10/04/1988	5
	Broecker, et al.	4	7	8	0	4	4	8	10/25/1988	5
	Mizukami, et al.	4	7	8	1	8	5	8	11/01/1988	5
	Gamble, et al.	4	7	8	3	2	2	0	11/08/1988	5
	Meyer, et al.	4	7	9	8	6	0	3	01/17/1989	5
	Hubbard, et al.	4	8	0	2	4	7	3	02/07/1989	5
	Lau	4	8	1	8	4	6	4	04/04/1989	5
	Morell, et al.	4	8	2	3	4	0	4	04/25/1989	5
	Watanabe, et al.	4	9	0	4	3	0	4	02/27/1990	5
	Hubbard, et al.	4	9	6	9	4	5	7	11/13/1990	5
	Aoyama, et al.	4	9	7	8	6	1	5	12/18/1990	5
	Watanabe, et al.	4	9	8	8	5	0	5	01/29/1991	5
	Meiss	5	0	0	0	7	4	6	03/19/1991	5
	Hubbard, et al.	5	0	2	0	5	3	3	06/04/1991	5
	Johnson, et al.	5	0	5	7	3	0	2	10/15/1991	5
	Kubo, et al.	5	0	6	4	4	7	3	11/12/1991	5
	Watanabe, et al.	5	1	0	0	5	8	1	03/31/1992	5
	Maeda, et al.	5	1	0	0	7	0	2	03/31/1992	5
	Kurihara, et al.	5	1	0	8	7	3	9	04/28/1992	5
	Nakane, et al.	5	1	2	2	4	1	8	06/16/1992	5
	Moffatt	5	1	3	3	8	0	3	07/28/1992	5
	Winnik, et al.	5	1	4	5	5	1	8	09/08/1993	5
	Potts, et al.	5	1	4	5	7	2	7	09/08/1992	5
	Collier, IV, et al.	5	1	6	9	7	0	6	12/08/1992	5
	Perkins, et al.	5	1	7	8	9	3	1	01/12/1993	5
	Uesaka, et al.	5	1	8	3	6	5	6	02/02/1993	5
	Timmons, et al.	5	1	8	8	8	8	5	02/23/1993	5
	Watanabe, et al.	5	1	9	6	1	7	7	03/23/1993	5
	Kaminsky, et al.	5	2	0	4	4	2	9	04/20/1993	5
	Kavassalis, et al.	5	2	0	9	9	9	8	05/11/1993	5
	Theodoropoulos	5	2	2	0	0	0	0	06/15/1993	5
	Watanabe, et al.	5	2	2	1	4	9	7	06/22/1993	5
	Fare, et al.	5	2	2	5	3	7	4	07/06/1993	5
	Tsugeno, et al.	5	2	3	0	9	5	3	07/27/1993	5
	Okubi, et al.	5	2	3	8	5	1	8	08/24/1993	5
	Tsugeno, et al.	5	2	6	6	2	8	9	11/30/1993	5
	Everhart, et al.	5	2	8	4	7	0	3	02/08/1994	5
	Subramanian	5	2	9	2	8	6	8	03/08/1994	5
	Theodoropoulos	5	2	9	4	7	1	7	03/15/1994	5
	Ogale	5	3	0	0	3	6	5	04/05/1994	5
	Brunson	5	3	2	2	0	6	1	06/21/1994	5
	Okubi, et al.	5	3	3	2	4	3	2	07/26/1994	5
	Takagi, et al.	5	3	3	8	7	1	3	08/16/1994	5
	Abe, et al.	5	3	4	2	8	7	6	08/30/1994	5
	Georger, et al.	5	3	5	0	6	2	4	09/27/1994	5
	Pike, et al.	5	3	8	2	4	0	0	01/17/1995	5
	Hubbard, et al.	5	3	8	3	4	5	0	01/24/1995	5

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number:	Serial Number:
	KCX-859 (19100)	10/731,256
	Applicant: MacDonald, et al.	
	Filing Date: December 9, 2003 Confirmation No: 4720	Group Art Unit: 1616

	Law, et al.	5	3	9	7	6	6	7	03/14/1995	5
	Karapasha	5	4	0	7	4	4	2	04/18/1995	5
	Ando, et al.	5	4	0	7	6	0	0	04/18/1995	5
	Spencer, et al.	5	4	2	0	0	9	0	05/30/1995	5
	Murai, et al.	5	4	2	7	8	4	4	06/27/1995	5
	Trinh, et al.	5	4	2	9	6	2	8	07/04/1995	5
	Erderly, et al.	5	4	5	1	4	5	0	09/19/1995	5
	Tsugeno, et al.	5	4	5	8	8	6	4	10/17/1995	5
	Obijeski, et al.	5	4	7	2	7	7	5	12/05/1995	5
	Maruo, et al.	5	4	8	0	6	3	6	01/02/1996	5
	Yim	5	4	8	6	3	5	6	01/23/1996	5
	Spencer, et al.	5	4	8	7	9	3	8	01/30/1996	5
	Subramanian, et al.	5	4	8	8	1	2	6	01/30/1996	5
	Soerensen	5	5	2	7	1	7	1	06/18/1996	5
	Yamazaki	5	5	3	8	5	4	8	07/23/1996	5
	Etherton, et al.	5	5	3	9	1	2	4	07/23/1996	5
	Parks	5	5	4	0	9	1	6	07/30/1996	5
	Ando, et al.	5	5	4	7	6	0	7	08/20/1996	5
	Reese, et al.	5	5	5	3	6	0	8	09/10/1996	5
	Krishnamurti, et al.	5	5	5	4	7	7	5	09/10/1996	5
	El-Shall, et al.	5	5	8	0	6	5	5	12/03/1996	5
	Subramanian, et al.	5	5	8	3	2	1	9	12/10/1996	5
	Barthel, et al.	5	5	9	1	7	9	7	01/07/1997	5
	Watanabe, et al.	5	5	9	7	5	1	2	01/28/1997	5
	Inatani, et al.	5	6	6	1	1	9	8	08/26/1997	5
	Emmons, et al.	5	6	6	3	2	2	4	09/02/1997	5
	Bishop, et al.	5	6	7	9	1	3	8	10/21/1997	5
	Sacripante, et al.	5	6	7	9	7	2	4	10/21/1997	5
	McCormack	5	6	9	5	8	6	8	12/09/1997	5
	Brunner, et al.	5	7	3	3	2	7	2	03/31/1998	5
	Kuhn, et al.	5	7	7	3	2	2	7	06/30/1998	5
	Baird, et al.	5	8	1	3	3	9	8	09/29/1998	5
	Cook, et al.	5	8	1	7	3	0	0	10/06/1998	5
	English, et al.	5	8	3	7	3	5	2	11/17/1998	5
	Calvo Salve, et al.	5	8	4	3	5	0	9	12/01/1998	5
	Everhart, et al.	5	8	5	5	7	8	8	01/05/1999	5
	Peterson, et al.	5	8	6	1	1	4	4	01/19/1999	5
	Matijevic, et al.	5	8	7	1	8	7	2	2/16/1999	5
	Lucas, et al.	5	8	7	4	0	6	7	02/23/1999	5
	Kamoto, et al.	5	8	8	0	1	7	6	03/09/1999	5
	Suzuki, et al.	5	8	8	0	3	0	9	03/09/1999	5
	Dodd, et al.	5	8	8	2	6	3	8	03/16/1999	5
	Peterson, et al.	5	8	8	5	5	9	9	03/23/1999	5
	Tasaki, et al.	5	9	0	2	2	2	6	05/11/1999	5
	Fujiki, et al.	5	9	0	5	1	0	1	05/18/1999	5
	Desai, et al.	5	9	1	6	5	9	6	06/29/1999	5
	Hanamoto, et al.	5	9	4	8	3	9	8	09/07/1999	5
	Kim, et al.	5	9	4	8	4	8	3	09/07/1999	5
	Grandfils, et al.	5	9	6	2	5	6	6	10/05/1999	5
	Shell, et al.	5	9	7	2	3	8	9	10/26/1999	5
	Yamada, et al.	5	9	8	5	2	2	9	11/16/1999	5
	Abe, et al.	5	9	8	9	5	1	0	11/23/1999	5
	Watanabe, et al.	5	9	8	9	5	1	5	11/23/1999	5
	Oshima	6	0	0	4	6	2	5	12/21/1999	5
	Kasai, et al.	6	0	0	7	5	9	2	12/28/1999	5
	Gore	6	0	2	4	7	8	6	02/15/2000	5
	Haffner, et al.	6	0	4	5	9	0	0	04/04/2000	5
	Welchel, et al.	6	0	4	7	4	1	3	04/11/2000	5

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary)	Attorney Docket Number:	Serial Number:
	KCX-859 (19100)	10/731,256
	Applicant: MacDonald, et al.	
	Filing Date: December 9, 2003 Confirmation No: 4720	Group Art Unit: 1616

	Gillberg-LaForce, et al.	6	0	6	0	4	1	0	05/09/2000	5
	Pressley, et al.	6	0	7	3	7	7	1	06/13/2000	5
	McCormack, et al.	6	0	7	5	1	7	9	06/13/2000	5
	Guarracino, et al.	6	0	9	6	2	9	9	08/01/2000	5
	McCormack, et al.	6	1	1	1	1	6	3	08/29/2000	5
	Spencer, et al.	6	1	7	2	1	7	3	01/09/2001	5
	Weinstrauch	6	1	7	7	6	0	8	1/23/2001	5
	Law, et al.	6	1	9	0	8	1	4	02/20/2001	5
	McLaughlin, et al.	6	1	9	3	8	4	4	02/27/2001	5
	Guarracino, et al.	6	2	2	5	5	2	4	05/01/2001	5
	McCormack, et al.	6	2	3	8	7	6	7	05/29/2001	5
	Denkewicz, Jr., et al.	6	2	5	4	8	9	4	07/03/2001	5
	Murasawa, et al.	6	2	7	7	3	4	6	08/21/2001	5
	Gancet, et al.	6	2	7	7	7	7	2	08/21/2001	5
	Watanabe, et al.	6	2	9	1	5	3	5	09/18/2001	5
	Cohen, et al.	6	2	9	4	2	2	2	09/25/2001	5
	Aoyagi, et al.	6	2	9	9	8	6	7	10/09/2001	5
	McCormack, et al.	6	3	0	9	7	3	6	10/30/2001	5
	Anderson, et al.	6	3	1	5	8	6	4	11/13/2001	5
	Gallis, et al.	6	3	3	4	9	8	8	01/01/2002	5
	Dodd, et al.	6	3	4	4	2	1	8	02/05/2002	5
	Oldenburg, et al.	6	3	4	4	2	7	2	02/05/2002	5
	Hoshino, et al.	6	3	5	8	5	3	7	03/19/2002	5
	Ochomogo, et al.	6	3	5	8	9	0	9	03/19/2002	5
	Glaug, et al.	6	3	6	9	2	9	0	04/09/2002	5
	Guarracino, et al.	6	3	7	6	7	4	1	04/23/2002	5
	Reeves, et al.	6	3	8	7	4	9	5	05/14/2002	5
	Ota, et al.	6	3	9	8	8	2	7	06/04/2002	5
	Wellinghoff, et al.	6	4	1	0	7	6	5	06/25/2002	5
	Coakley	6	4	2	5	5	3	0	07/30/2002	5
	Blackstock, et al.	6	4	2	7	6	9	3	08/06/2002	5
	Bosch, et al.	6	4	2	8	8	1	4	08/06/2002	5
	Woltman, et al.	6	4	3	3	2	4	3	08/13/2002	5
	Kasai, et al.	6	4	4	0	1	8	7	08/27/2002	5
	Yano, et al.	6	4	6	0	9	8	9	10/08/2002	5
	Furuya, et al.	6	4	6	1	7	3	5	10/08/2002	5
	Wu, et al.	6	4	6	7	8	9	7	10/22/2002	5
	Sakaguchi, et al.	6	4	6	8	5	0	0	10/22/2002	5
	Sakaki, et al.	6	4	7	5	6	0	1	11/05/2002	5
	Liu, et al.	6	4	7	9	1	5	0	11/12/2002	5
	Proverb, et al.	6	4	9	1	7	9	0	12/10/2002	5
	Murasawa, et al.	6	4	9	8	0	0	0	12/24/2002	5
	Tomioka, et al.	6	5	1	7	1	9	9	02/11/2003	5
	Yadav, et al.	6	5	3	1	7	0	4	03/11/2003	5
	Kato, et al.	6	5	3	6	8	9	0	03/25/2003	5
	Tan, et al.	6	5	4	8	2	6	4	04/15/2003	5
	Westman, et al.	6	5	5	1	4	5	7	04/22/2003	5
	Maeda, et al.	6	5	6	2	4	4	1	05/13/2003	5
	Dobler, et al.	6	5	7	5	3	8	3	06/10/2003	5
1	Raymond, et al.	6	5	7	8	5	2	1	06/17/2003	5
	Shefer, et al.	6	5	8	9	5	6	2	07/08/2003	5
	Brehm, et al.	6	6	2	3	8	4	8	09/23/2003	5
	Davison, et al.	6	6	3	8	9	1	8	10/28/2003	5
	Falat, et al.	6	6	3	9	0	0	4	10/28/2003	5
	Cramer, et al.	6	6	4	5	5	6	9	11/11/2003	5
	Ghosh, et al.	6	6	9	3	0	7	1	02/17/2004	5

(Rev. 5/92)								Attorney Docket Number:	Serial Number:
Information Disclosure Statement List								KCX-859 (19100)	10/731,256
By Applicant(s)								Applicant:	
Under 37 CFR Section 1.98(a) (1)								MacDonald, et al.	
(Use several sheets if necessary)								Filing Date:	
								December 9, 2003	
								Confirmation No:	
								4720	

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER							PUBLICATION DATE	COPY NOTE
	Yadav, et al.	0	0	0	0	8	8	9	05/10/2001	5
	Sherman	0	0	0	5	1	4	5	01/17/2002	5
	Soane, et al.	0	0	1	3	3	6	9	01/16/2003	5
	Nohr, et al.	0	0	2	1	9	8	3	01/30/2003	5
	Guarracino, et al.	0	0	2	3	3	3	8	09/20/2001	5
	Hall-Puzio, et al.	0	0	3	1	2	4	8	10/18/2001	5
	Hei, et al.	0	0	3	3	2	6	9	02/19/2004	5
	Ghosh, et al.	0	0	3	4	1	5	7	02/19/2004	5
	Soerens, et al.	0	0	4	3	6	8	8	03/04/2004	5
	Fornai, et al.	0	0	5	6	6	4	8	03/27/2003	5
	Proverb, et al.	0	0	7	0	7	8	2	04/17/2003	5
	Cha, et al.	0	0	8	2	2	3	7	05/01/2003	5
	Hausmann, et al.	0	1	0	6	4	6	6	08/08/2002	5
	Dugan	0	1	1	0	6	8	6	08/15/2002	5
	Lye, et al.	0	1	2	0	9	0	4	06/24/2004	5
	Quincy, III, et al.	0	1	2	0	9	2	1	06/24/2004	5
	Kolb, et al.	0	1	2	8	3	3	6	09/12/2002	5
	Carter, et al.	0	1	4	2	9	3	7	10/03/2002	5
	Shefer, et al.	0	1	4	7	9	5	6	08/07/2003	5
	Franzen, et al.	0	1	4	7	9	6	6	08/07/2003	5
	Nohr, et al.	0	1	4	9	6	5	6	10/17/2002	5
	Cramer, et al.	0	1	5	0	6	7	8	10/17/2002	5
	Rohrbaugh, et al.	0	1	7	6	9	8	2	11/28/2002	5
	Hanada	0	1	7	7	6	2	1	11/28/2002	5
	Quellet, et al.	0	1	8	1	5	4	0	09/25/2003	5
	Fontenot, et al.	0	1	8	2	1	0	2	12/05/2002	5
	MacDonald	0	2	0	3	0	0	9	10/30/2003	5
	Lelah, et al.	0	2	3	5	6	0	5	12/25/2003	5

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE
										YES	NO	N/A	
	WO	0	0	0	3	7	9	7	A1	01/27/2000	X		
	WO	0	0	1	3	7	6	4	A1	03/16/2000		X	
	WO	0	0	7	6	5	5	8	A1	12/21/2000		X	
	EP	0	1	0	3	2	1	4	B1	03/21/1984		X	
	WO	0	1	0	6	0	5	4	A1	01/25/2001		X	
	WO	0	2	0	5	5	1	1	A1	07/18/2002		X	
	WO	0	2	0	6	2	8	8	1 A2	08/15/2002		X	
	WO	0	2	0	6	4	8	7	A2 & A3	08/22/2002		X	

BEST AVAILABLE COPY

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)										Attorney Docket Number:		Serial Number:	
										KCX-859 (19100)		10/731,256	
										Applicant: MacDonald, et al.			
										Filing Date:	Group Art Unit:		
										December 9, 2003		1616	
										Confirmation No: 4720			

	WO	0	2	0	8	3	2	9	7	A1	10/24/2002			X	
	WO	0	2	0	8	4	0	1	7	A1	10/24/2002			X	
	WO	0	2	0	9	4	3	2	9	A1	11/28/2002			X	
	WO	0	2	0	9	5	1	1	2	A1	11/28/2002			X	
	WO	0	2	2	6	2	7	2	A1	04/04/2002			X		
	EP	0	2	3	2	1	4	1	A1	08/12/1987			X		
	WO	0	2	4	9	5	5	9	A2	06/27/2002		X			
	EP	0	2	5	1	7	8	3	B1	01/07/1988			X		
	EP	0	2	8	2	2	8	7	B2	09/14/1988			X		
	WO	0	3	0	0	0	9	7	9	A2	01/03/2003			X	
	WO	0	3	0	2	5	0	6	7	A1	03/27/2002			X	
	WO	0	3	0	3	2	9	5	9	A1	04/24/2003			X	
	WO Corrected Version	0	3	0	3	2	9	5	9	A1	04/24/2003			X	
	WO	0	3	0	8	8	9	3	1	A2	10/30/2003			X	
	WO	0	3	0	9	2	8	8	5	A1	11/13/2003			X	
	EP	0	3	3	9	4	6	1	B1	11/02/1989			X		
	EP	0	3	4	8	9	7	8	A2	01/03/1990			X		
	EP	0	3	7	6	4	4	8	B1	07/04/1990			X		
	EP	0	3	8	9	0	1	5	A2	09/26/1990			X		
	EP	0	3	8	9	0	2	3	A2	09/26/1990			X		
	EP	0	4	8	3	5	0	0	A1	05/06/1992			X		
	EP	0	5	1	0	6	1	9	A1	10/28/1992			X		
	EP	0	7	4	9	2	9	5	B1	12/27/1996			X		
	EP	0	9	7	2	5	6	3	A1	01/19/2000			X		
	EP	1	0	5	3	7	8	8	B1	10/08/2003			X		
	EP	1	1	5	7	6	7	2	A1	11/28/2001			X		
	EP	1	2	9	8	0	7	1	A1	04/02/2003			X		
	WO	8	9	0	2	6	9	8	A1	04/06/1989			X		
	WO	9	1	1	1	9	7	7	A1	08/22/1991			X		
1	WO	9	1	1	2	0	2	9	A1	08/22/1991			X		
	WO	9	1	1	2	0	3	0	A1	08/22/1991			X		
	WO	9	6	1	9	3	4	6	A2 & A3	06/27/1996			X		
	WO	9	8	2	0	9	1	5	A1	05/22/1998			X		

<p>(Rev. 5/92)</p> <p>Information Disclosure Statement List</p> <p>By Applicant(s)</p> <p>Under 37 CFR Section 1.98(a) (1)</p> <p>(Use several sheets if necessary)</p>	Attorney Docket Number:	Serial Number:
	KCX-859 (19100)	10/731,256
	Applicant:	
	MacDonald, et al.	
Filing Date:	Group Art Unit:	
December 9, 2003	1616	
Confirmation No:		
4720		

	WO	9	8	2	6	8	0	8	A2 & A3	06/25/1998		X	
	WO	9	9	4	7	2	5	2	A3	09/23/1999		X	

****NO** means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS		OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
		Abstract of Article – <i>Non-hydrothermal synthesis of copper-, zinc- and copper-zinc hydrosilicates</i> , T. M. Yurieva, G. N. Kustova, T. P. Minyukova, E. K. Poels, A. Blieck, M. P. Demeshkina, L. M. Plyasova, T. A. Krieger, and V. I. Zaikovskii, Materials Research Innovations, Vol. 5, No. 1, June 2001, pp. 3-11	
		Abstract of Japanese Patent No. 5106199	04/27/1993
		Abstract of Japanese Patent No. 7256025	10/09/1995
		Abstract of Japanese Patent No. 9143872	06/03/1997
		Article – <i>Adsorption of Dyes on Nanosize Modified Silica Particles</i> , Guangwei Wu, Athanasia Koliadima, Yie-Shein Her, and Egon Matijevic, Journal of Colloid and Interface Sciences, Vol. 195, 1997, pp. 222-228	
		Article – <i>Adsorption of Gases in Multimolecular Layers</i> , Stephen Brunauer, P.H. Emmett, and Edward Teller, The Journal of the American Chemical Society, Vol. 60, February 1938, pp. 309-319	
		Article – <i>Adsorption of Proteins and Antibiotics on Porous Alumina Membranes</i> , Yi Hua Ma, Aseem Bansal, and William M. Clark, Fundamentals of Adsorption, Vol. 80, 1992, pp. 389-396	
		Article – <i>Ammonia vapour in the mouth as a diagnostic marker for Helicobacter pylori infection: preliminary "proof of principle" pharmacological investigations</i> , C. D. R. Dunn, M. Black, D. C. Cowell, C. Penault, N. M. Ratcliffe, R. Spence, and C. Teare, British Journal of Biomedical Science, Vol. 58, 2001, pp. 66-76	-
1		Article – <i>Applicability of a SPME method for the Rapid Determination of VOCs</i> , Alexandre Béné, Jean-Luc Luisier, and Antoine Fornage, Chirmia, Vol. 56, No. 6, 2002, pp. 289-291	

<p>(Rev. 5/92)</p> <p>Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)</p>	Attorney Docket Number: KCX-859 (19100)	Serial Number: 10/731,256
	Applicant: MacDonald, et al.	
	Filing Date: December 9, 2003 Confirmation No: 4720	Group Art Unit: 1616

	<i>Article – Characterisation of novel modified active carbons and marine algal biomass for the selective adsorption of lead, D.J. Malik, V. Strelko, Jr., M. Street, and A.M. Puziy, Water Research, Vol. 36, 2002, pp. 1527-1538</i>		
	<i>Article – Development of novel dye-doped silica nanoparticles for biomarker application, Swadeshmukul Santra, Kemin Wang, Rovelyn Tapec, and Weihong Tan, Journal of Biomedical Optics, Vol. 6, No. 2, April 2001, pp. 160-166</i>		
	<i>Article – Fe-MCM-41 for Selective Epoxidation of Styrene with Hydrogen Peroxide, Qinghong Zhang, Ye Wang, Satoko Itsuki, Tetsuya Shishido, and Katsuomi Takehira, The Chemical Society of Japan, Chemistry Letters 2001, pp. 946-947</i>		
	<i>Article – From Cyclodextrin Assemblies to Porous Materials by Silica Templating, Sebastian Polarz, Bernd Smarsly, Lyudmila Bronstein, and Markus Antonietti, Angew. Chem. Int., Vol. 40, No. 23, 2001, pp. 4417-4421</i>		
	<i>Article – Grafting of Poly(ethylenimine) onto Mesylated Cellulose Acetate, Poly(methyl methacrylate) and Poly(vinyl chloride), Christopher J. Biermann and Ramani Narayan, Carbohydrate Polymers, Vol. 12, 1990, pp. 323-327</i>		
	<i>Article – Immobilization of $(n\text{-Bu}_4\text{N})_4\text{W}_{10}\text{O}_{32}$ on Mesoporous MCM-41 and Amorphous Silicas for Photocatalytic Oxidation of Cycloalkanes with Molecular Oxygen, Andrea Maldotti, Alessandra Molinari, Graziano Varani, Maurizio Lenarda, Loretta Storaro, Franca Bigi, Raimondo Maggi, Alessandro Mazzacani, and Giovanni Sartori, Journal of Catalysis, Vol. 209, 2002, pp. 210-216</i>		
	<i>Article – Immunization of mice with peptomers covalently coupled to aluminum oxide nanoparticles, Andreas Frey, Nicholas Mantis, Pamela A. Kozlowski, Alison J. Quayle, Adriana Bajardi, Juana J. Perdomo, Frank A. Robey, and Marian R. Neutra, Vaccine, Vol. 17, 1999, pp. 3007-3019</i>		
	<i>Article – Mesoporous Sieves with Unified Hybrid Inorganic/Organic Frameworks, Brian J. Melde, Brian T. Holland, Christopher F. Blanford, and Andreas Stein, Chem. Mater., Vol. 11, No. 11, 1999, pp. 3302-3308</i>		

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary)	Attorney Docket Number: KCX-859 (19100)	Serial Number: 10/731,256
	Applicant: MacDonald, et al.	
	Filing Date: December 9, 2003 Confirmation No: 4720	Group Art Unit: 1616

	<i>Article – Nanoparticles based on polyelectrolyte complexes: effect of structure and net charge on the sorption capability for solved organic molecules.</i> , H.-M. Buchhammer, G. Petzold, and K. Lunkwitz, Colloid Polym. Sci., Vol. 278, 2000, pp. 841-847		
	<i>Article – Purification and Characterization of Urease from Helicobacter pylori</i> , Bruce E. Dunn, Gail P. Campbell, Guillermo I. Perez-Perez, and Martin J. Blaser, The Journal of Biological Chemistry, Vol. 265, No. 16, June 5, 1990, pp. 9464-1990		
	<i>Article – Saponins and Sapogenins. VIII. Surface Films of Echinocystic Acid and Derivatives</i> , C. R. Noller, J. Am. Chem. Soc., Vol. 60, 1938, 3 pages		
	<i>Article – Significance of Ammonia in the Genesis of Gastric Epithelial Lesions Induced by Helicobacter pylori: An in vitro Study with Different Bacterial Strains and Urea Concentrations</i> , P. Sommi, V. Ricci, R. Fiocca, M. Romano, K.J. Ivey, E. Cova, E. Solcia, and U. Ventura, Digestion, Vol. 57, 1996, pp. 299-304		
	<i>Article – Significance of ammonia produced by Helicobacter pylori</i> , Shigeji Ito, Yoshihiro Kohli, Takuji Kato, Yoshimichi Abe, and Takashi Ueda, European Journal of Gastroenterology & Hepatology, Vol. 6, No. 2, 1994, pp. 167-174		
	<i>Article – Spectrophotometric Assay of Thiols</i> , Peter C. Jocelyn, Methods in Enzymology, Vol. 142, 1987, pp. 44-67		
	<i>Article – Structure and properties of silica nanoclusters at high temperatures</i> , I. V. Schweigert, K. E. J. Lehtinen, M. J. Carrier, and M. R. Zachariah, The American Physical Society, Physical Review B, Vol. 65, No. 235410, pp. 1-9		
	<i>Article – Study of the urea thermal decomposition (pyrolysis) reaction and importance to cyanuric acid production</i> , Peter M. Schaber, James Colson, Steven Higgins, Ed Dietz, Daniel Thielen, Bill Anspach, and Jonathan Brauer, American Laboratory, August 1999, pp. 13-21		
	<i>Article – Synthesis of porous Silica with help from cyclodextrin aggregates</i> , Markus Antonietti, Max-Planck-Institut für Kolloid- und, Germany, 1 page		

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary)	Attorney Docket Number: KCX-859 (19100)	Serial Number: 10/731,256
	Applicant: MacDonald, et al.	
	Filing Date: December 9, 2003 Confirmation No: 4720	Group Art Unit: 1616

	Article – <i>The Colloid Chemistry of Silica</i> , American Chemical Society 200 th National Meeting, August 26-31, 1990, pp. 22-23 and pp. 52-59		
	Article – <i>Validation of ¹³C-Urea Breath Test for the Diagnosis of Helicobacter Pylori Infection in the Singapore Population</i> , T. S. Chua, K. M. Fock, E. K. Teo, T. M. Ng, Singapore Medical Journal, Vol. 43, No. 8, 2002, pp. 408-411		
	Paper – <i>Uniform Deposition of Ultrathin Polymer Films on the Surfaces of Al₂O₃ Nanoparticles by a Plasma Treatment</i> , Donglu Shi, S. X. Wang, Wim J. van Ooij, L. M. Wang, Jiangang Zhao, and Zhou Yu, University of Cincinnati and University of Michigan, June 2000, pp. 1-15		
✓	PCT Search Report for PCT/US03/32846	06/07/2004	
	PCT Search Report for PCT/US03/39737	06/18/2004	
	Pocket Guide to Digital Printing, Frank Cost, Delmar Publishers, Albany, NY, ISBN 0-8273-7592-1, pp. 144-145		
	Product Information Sheets on Snowtex®, 6 pages		
EXAMINER		DATE CONSIDERED	
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MacDonald, et al.

Docket No: KCX-859 (19100)

Serial No: 10/731,256

Group No: 1616

Confirmation No: 4720

Examiner: Unknown

Customer No: 22827

Filed: December 9, 2003

Date: August 27, 2004

For: Triggerable Delivery System For Pharmaceutical And Nutritional Compounds And Methods Of Utilizing Same

RELATED U.S. PATENT APPLICATIONS

ASSISTANT COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

The following commonly assigned U.S. Patent Applications are being cited to the Examiner for review and consideration. Enclosed please find copies of these applications. Once the applications have been reviewed, it is requested that the Examiner place his or her initial to the left of the identified patents on the list document to indicate that the specific patent applications have been considered.

RELATED U.S. APPLICATIONS

<u>Examiner's Initial</u>	<u>Inventor</u>	<u>Serial Number</u>	<u>Filing Date</u>	<u>Title of Application</u>
_____	MacDonald, et al.	10/686,933 (KCX-665)	10/16/2003	Method For Reducing Odor Using Colloidal Nanoparticles
_____	McGrath, et al.	10/686,939 (KCX-666)	10/16/2003	Method For Reducing Odor Using Metal-Modified Particles
_____	Wu, et al.	10/686,937 (KCX-692)	10/16/2003	Method For Reducing Odor Using Coordinated Polydentate Compounds

	Do, et al.	10/686,938 (KCX-694)	10/16/2003	Method For Reducing Odor Using Metal-Modified Silica Particles
	MacDonald, et al.	10/686,687 (KCX-840)	10/16/2003	Durable Charged Particle Coatings And Materials
	Urlaub, et al.	10/687,004 (KCX-858)	10/16/2003	High Surface Area Material Blends For Odor Reduction, Articles Utilizing Such Blends And Methods Of Using Same
	MacDonald, et al.	10/687,269 (KCX-841)	10/16/2003	Odor Controlling Article Including A Visual Indicating Device For Monitoring Odor Absorption
	MacDonald, et al.	10/687,270 (KCX-839)	10/16/2003	Visual Indicating Device For Bad Breath
	Boga, et al.	10/687,327 (KCX-842)	10/16/2003	Method And Device For Detecting Ammonia Odors And Helicobacter Pylori Urease Infection
	Fish, et al.	10/687,425 (KCX-838)	10/16/2003	Odor Absorbing Extrudates

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.